FIG.1 (priorart)

contest language

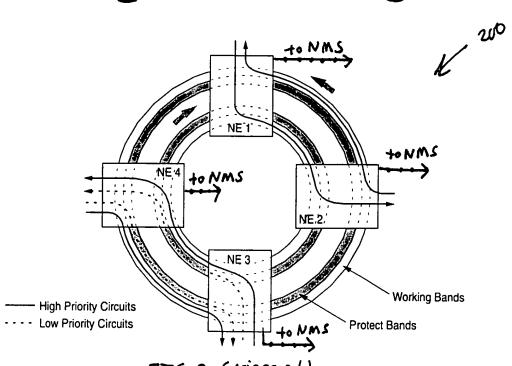


FIG.2 (priorart)

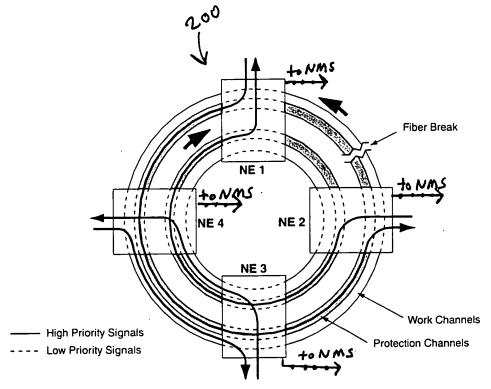
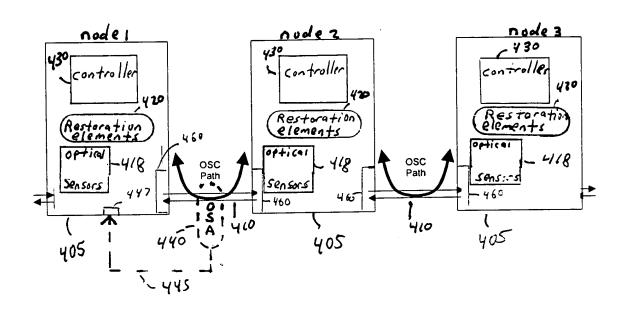
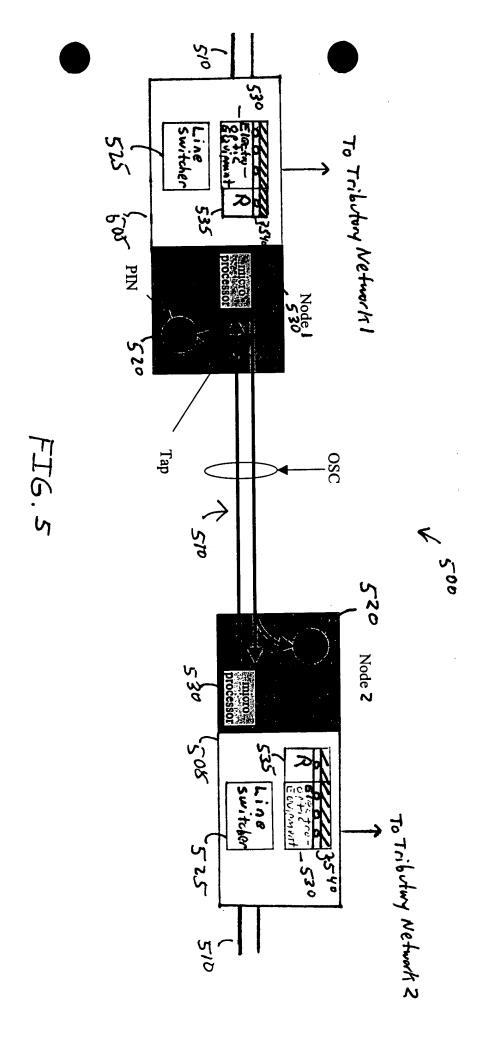


FIG. 3 (prior ant)





FI6.4



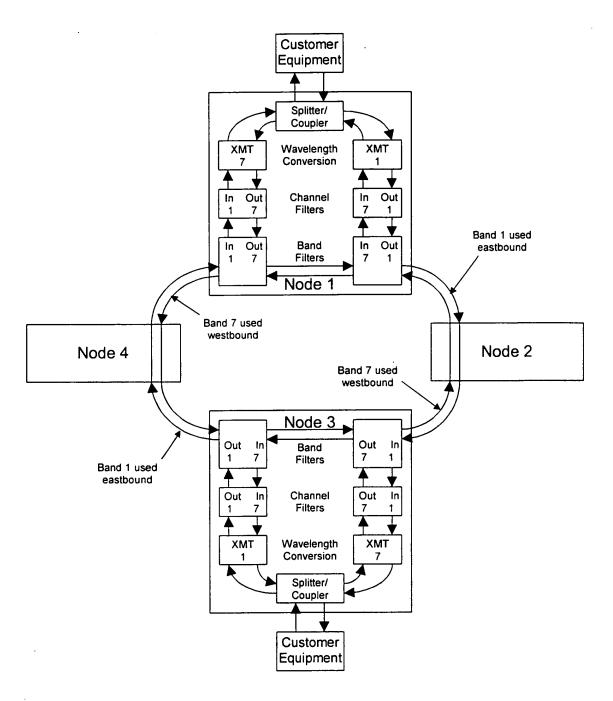


FIG. 6

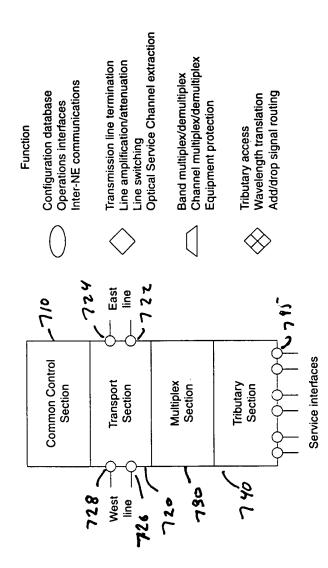
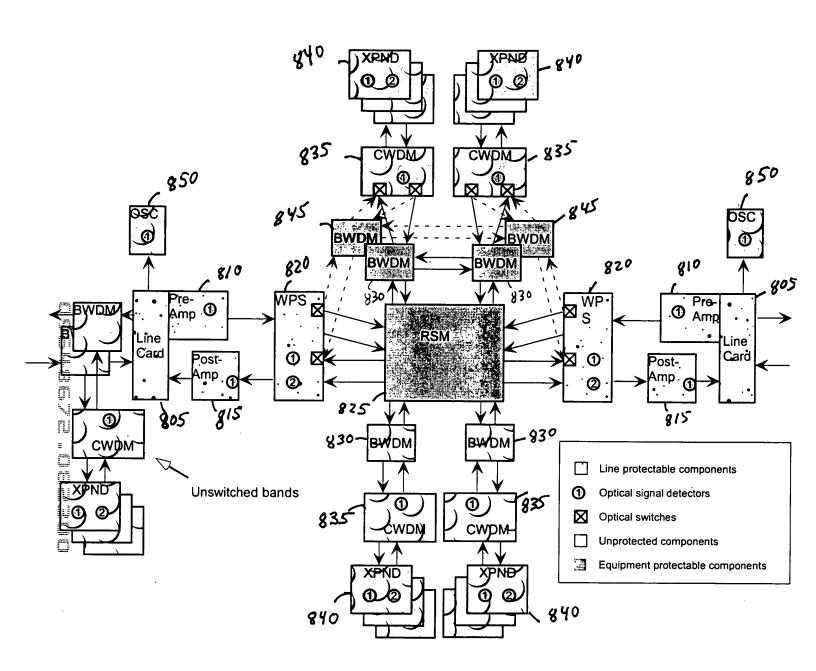
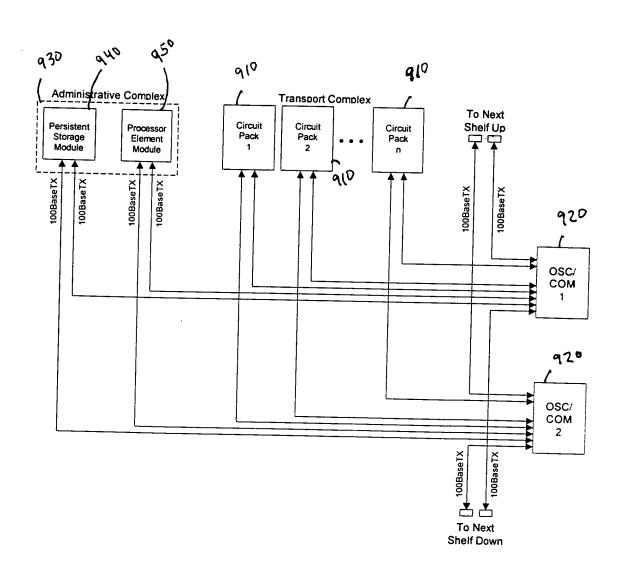


FIG. 7



FI6.8



FI6.9

Integroof Fiber Feat Handling Land Control of the C

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					Destre	Destract Protection Action	Chan' road		Cheer Charles and Association	Control Martin Conference - WCA serve () F. S. Control Contro	1 - WCA without	IFA 45 MARK	Tenant Land Street		THE REPORT OF THE PROPERTY OF	1000	- 13	0.000	F
				Pess Open Nod Node	Pessibru	Bsame By passibru pe	١.	3		Passthru Node Bsame p	Beame pessibru passibru	ette RSM	RSM Glassifing	, spok sed	Personal Note	, and the second	å _	O NAG	8
Component		e Local Node Effec	Connecting Fibs Local Node Effec Downstream Node Effect																
Line	To WPS	Working and PCA	If local node adds traffic, downstream neighbor				}		distribution in the second	The state of the state of	V Pr. 124. 17 144. 1	And the same of the same	The same and the same						_
Роst A mp	·	diops see LOS		RS	S	S.	SS.	S 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		(2000) (2000) (2000) (2000)				50	e e	S ₂	e/J		. 1
	From WPS	No impact	Covristram neighbor WPS receive PIN detects no fight. Local passithu or add channels report LOS downstream.	RS	S.	8	S.	88 8 8	200 S	DO IN COLUMN TO THE PROPERTY OF THE PROPERTY O	300 300 300 300 300 300 300 300 300 300	XXX		Na	υ/a	υ/a	ועש	eρυ	
	To Unswitched BWDM	Local working, UCA, and PCA drops see LOS	It bear note adds traffe, downstream neighbor WPS receive PM detects tight. Otherwise, downstream neighbor WPS receive PM detect. of up. 10 cm part of the control of the c	S.	S.S.	8	S.	SS .		N B N		ار/ھ	1/0						
	From Unswitched BWDM		Downstram neighbor WPS receive PIN detects no light. Local passition or add channels report LOS downstram.	S.	RS.	S.	\$	<u> </u>	1/a	Na N	77.9	Z.	5				(0) (0) (0) (1)	200 (S) 200 (S) 200 (S) 200 (S)	
_	To/From OSC	Do not protect aga.	inst OSC faiture - use as ring switch tringer if applica,	ğe.		\mid	ŀ	L				1	T				-	SAME STATE	द्धा
	To Neignbor	No impact	No impact To light Local passifing or add channels report LOS downstream.	S.	s,	S.	8	RS OSG	Downstream Down OSC LOS OSC LINE IN LOS LINE I Action: RS Action	Downstream Downstream OSC LOS LINE IN LOS LINE IN LOS Action: RS Action: RS		Downstream Do OSC LOS OSC LOS CINE IN LOS LIN Addion: RS Addion: RS	Downstream OSC LOS LINE IN LOS ACTOR:	Downstream OSC LOS LINE IN LOS ACIÓN: RS	Downstream OSC LOS LINE IN LOS Action: RS	Downstream OSC LOS LINE IN LOS Action: RS	Downstream OSC LOS LINE IN LOS Action: RS	Downstream OSC LOS LINE IN LOS Action: RS	
	From Neighbor	Local working, UCA, and PCA drops see LOS	If bocal node adds traffe, downstream neighbor WPS reache Plut detects ignt. Otherwise, downstream neighbor WPS reache Plut detects no light Local passfour drannes detect LOS downstream Local add channets are OK downstream.	S.	S.S.	S.	SS.	OSC LINE ACK	OSC LOS OSC LINE IN LOS LINE I ACIOD: RS ACIO	OSC LOS OSC LINE IN LOS LINE IN ACIÓN: RS ACIÓN	OSC LOS OSC LINE IN LOS LINE Action: RS Action	OSC LOS O LINE IN LOS LIN AGENT: RS AGENT: RS	OSC LOS LINE IN LOS Action: RS	OSC LOS LINE IN LOS Action: RS	OSC LOS LINE IN LOS Action: RS	OSC LOS LINE IN LOS ACIOD: RS	OSC LOS LINE IN LOS Action: RS	OSC LOS LINE IN LOS ACIDO: RS	1
PreAmp	To WPS or Unswitched Band	Working and PCA drops see LOS	It focal node adds traffe, downstream neghbor WPS recave Plut detects ight. Otherwise, downstream neighbor WPS recave Plut detects no light. Local passthru channels detect LOS downstream. Local add channels are OK downstream.	S.	S.	s,	88	SS	BOT THE BOT TH	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				(800) (800) (800) (800)			20 (0) 00 (0) 00 (0) 00 (0)		
	From Line Card	Working and PCA drops see LOS	Near note adoption with constraint neighbor WPS receive PIN detects (PIN Otherwise, downstream reighbor WPS receive PIN detects of white Local passible channels detect LOS downstream. Local add channels are OK downstream.	æ	S.	RS .	SS.	2 8 5 E			34						(3) (3) (1) (1)		m postanta
WPS	Working from RSM	No impact	Local passthru and add working channels report (20 downstream. PCA channels CN downstream. If local rode has proted access traffs, downstream registrow WPS receive PIN detects light. If no proted access traffs, downstream registrow WPS receive PIN detects from the protect access traffs.	G G	8	O. O.	8	E0					1208		SQL				
	Protect from RSM (No action taken since protect equipment)	Dedui on	Local passthru and add PCA channels report LOS downstream.	Ş	Ş	5	10	e,u	νa ν	ר/א רי	1	r/a	n/a	r/a	e,u	ι√a	1/3	νa	-
	Working from backup BWDM	No impact	Only detectable if carrying traffic. If equipment switched, local passithu and add channels report LOS downstream. No autorewert to primary.	n/a	1/3	e, y	ה/פ		n/a n/a	e/u		7/a	6/2	ινa	r/a	ν ₃	r/a	. e/o	

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(200 (200 (200 (200 (200 (200 (200 (200	e/n	e Z	n/a	e/u	n/a	e/u	1/3	10/2	0/a	ıva	SOT	ros
	6/0		η	00 00 00 00 00 00 00 00 00 00 00 00 00	n/a	ινa	n/a	г/а	ιγa	n/a	SOI	SOI
	e/u		η	SOUTH AND THE PROPERTY OF THE	6/1					Νa	501	ros
	κVa		ιVa		νa						SOT	SOT
	ν. 1/3		1/3	807. 807. 808. 808. 808. 808. 808. 808.	1/3	SON BENT				ν/a	S01	SOT
	νa	2/2	ē,	1/3	17.8	1/2	e Za	6,0	1/3	r/a	SO1	SOT
39 80 80	гVа		1/3	100 mg 10	υVa	e/u	e Za	ο/a	n/a	r/a	SOI	SOI
108 108 108 108	6/2		6/3	SOUTH AND THE PROPERTY OF THE	ήa	100 M	OCCOR. LINE HOX Burns LOS	16 <u>9</u> 9 8 9 9	808 88 88		SOT	SO1
\$ 38 1881	1/2		6/0		1/3		000 000 000 000 000 000	SO STATE	J)		SOI	SOI
5008 881	6/1	800	ι√a		ι√a		4 OSCOR UNE IN OK Break LOS	85	883	e/n	ros	ros
TV _a	S,	03	S _S	Q,	6/2	F0 (L05#	n/a	, n	a d	5	ros	ros S
	υλ	G.	6/0	8	50	E0 (LOS# UCA)	ινa	ρ	. d	Z a	SOI	891
- G	6/2	<u>a</u>	s,a	8	6,0	(1.05 ff UCA)	EQ (LOS# UCA)	60	<u>a</u>	S	SOI	ros T
	ועפ	ED	n/a	63	r/a	(103 g (103 g	(LOS# UCA)	EO.	EO	EO	SOT	LOS
a a	70	9	اره	E C	ν. 2	10 (108 fl UCA)	မှ ရှိ (၁)	<u>a</u>	EO	17/3	ros	108
Local working If local rocke adds working channels or carnes channel drops see PCA traffs, downstream reighbor WPS receive LOS LOS dretest ignit Local passiths working channels see LOS downstream. Local add channels are OK downstream.	Local drop and passithry PCA channels report LOS	Local passthru and add working channels report LOS downstream. PCA channels OK. If local node has PCA downstream reighbor sees light	Local add and passthru PCA channels report LOS	Local working If local node adds working charmets or carries charmet drops see PCA to affic, downteran neighbor WPS receive LOS PIN detects (pit Local passtru working charmets see LOS downstream. Local add charmets are OK downstream.	Local drop and passthru PCA channels report LOS	No mpact	CWDM add channels see downstream LOS. Other add channels and passthru are OK.	Passthu working charnels see LOS downstream.	Passthru channels see LOS downstream. Added channels 'upstream' of the failure see LOS downstream. Channels added following failure are OK.	Passthu channels eee LOS downstream. Added channels are OK downstream.		
Local working channel drops see LOS	Protect access drops see LOS.			Local working channel drops see LOS		Local channel drups sed (OS	No impact	Local channel Passthru wor drops downstream downstream. of failure see LOS	No impact	No impact	No impact	LOCAL LOS
Working to RSM	Protect to RSM (No action Protect access taken since protect drops see LOS, equipment)	Working from primary BWDM	Protect from BWDM (No action taken since protect equipment)	Working to Primary BWDM	Protect to BWDM (No action taken since protect equipment)	To CWDM	From CWDM	2	From BWDM (from passifru toward RSM)	M (passthru	To CWDM	
		RSM				MCIMB					Ö,	

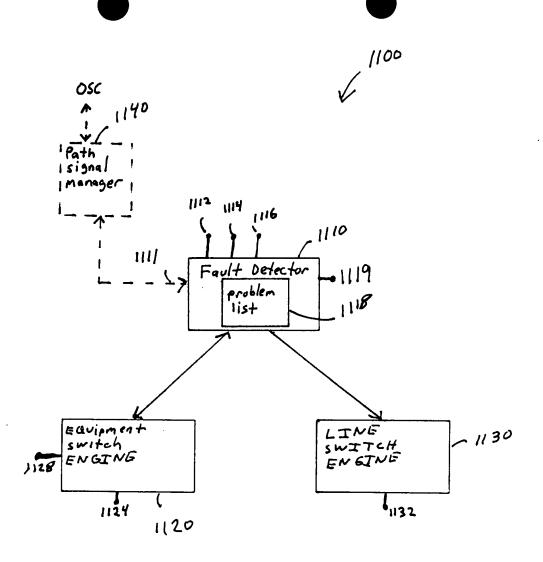
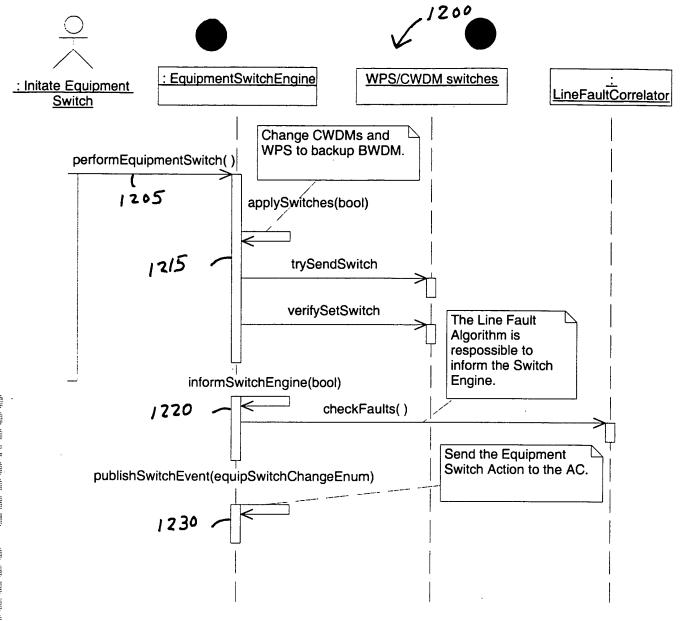


FIG.I



FI6. 12

FI6.13